

Remark

Applicants respectfully request reconsideration of this application as amended.

Claims 31-36, 38, 39, 41 and 42 have been amended. No claims have been cancelled.

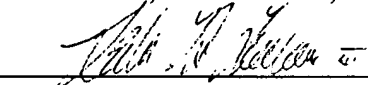
Claims 46-48 are new. Therefore, claims 1-48 are present for examination.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 1/17/2



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Marked Version to Show Changes Made
Insertions are underlined, deletions stricken.

34. (Amended) An apparatus comprising:
- a data storage element [that] having stored thereon symbols which represent a modified training sequence that exhibits a desired property of an original training sequence when used in a peak to average power constrained modulation format that would otherwise impair the desired property of an original training sequence.
35. (Amended) The apparatus [modified training sequence] of claim 34, wherein the one desired property comprises a function of the autocorrelation of the original training sequence being below a threshold value.
36. (Amended) The apparatus [modified training sequence] of claim 34, wherein the one desired property comprises a function of the cross-correlation of the original training sequence with any other possible original training sequence being below a threshold value.
38. (Amended) The base station [modified training sequence] of claim 37, wherein the one desired property comprises a function of the autocorrelation of the original training sequence being below a threshold value.
39. (Amended) The base station [modified training sequence] of claim 37, wherein the one desired property comprises a function of the cross-correlation of the original training sequence with any other possible original training sequence being below a threshold value.

41. (Amended) Transmitting the modified training sequence of claim 40[37], wherein the one desired property comprises a function of the autocorrelation of the original training sequence being below a threshold value.

42. (Amended) Transmitting the modified training sequence of claim 40[37], wherein the one desired property comprises a function of the cross-correlation of the original training sequence with any other possible original training sequence being below a threshold value.

46-48. (New)